

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	09/830,193
Filing Date	January 16, 2002
First Named Inventor	Norman Huner
Group Art Unit	1615
Examiner Name	Shelley A. Dodson
Attorney Docket Number	12991-31

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-5,691,158	Nov. 25, 1997	Mary Kay Cosmetics, Inc.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

RECEIVED

OCT 20 2003

TECH CENTER 1600/2900

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		WO 97/47278 -	Dec. 18, 1997	Laboratoire Oenobiol		
		WO 93/20183	Oct. 14, 1993	Zeagen, Inc.		
		EP 0 748 625 A1	Dec. 18, 1996	L'Oreal		
		FR 2.100.886	July 9, 1971	F. Hoffmann-La Roche & Cie		
		FR 2.722.094	July 5, 1994	JCB Cosmetics Societe A Responsabilite Limitee - FR		
		FR 2.430.765	July 13, 1978	NAVARRO, C. et Ritter, M.J. épouse Navarro		
		WO 99/48468	Sept. 30, 1999	Cognis Deutschland GmbH		
		JP 08 143418 A	June 4, 1998	Owa Kasei KK.		
		JP 05 363143 A	June 29, 1993	Nisshin Flour Milling Co., LTD.		
		JP 07 118342 A2	May 20, 1991	Sansei Pharmaceutical Co., Ltd., Japan		

Examiner  
SignatureDate  
Considered

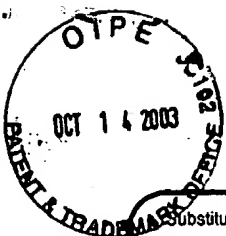
5/04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 2

**Complete if Known**

Application Number	09/830,193
Filing Date	January 16, 2002
First Named Inventor	Norman Huner
Group Art Unit	1615
Examiner Name	Shelley A. Dodson
Attorney Docket Number	12991-31

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
SD		XIONG, Fusheng et al. "Assessment of UV-B sensitivity of photosynthetic apparatus among microalgae: short-term laboratory screening versus long-term outdoor exposure." J. Plant Physiol., 1999, Vol. 155, pp 54-62.	
J		IVANOV, Alexander G. et al. "Protection of Photosystem II against UV-A and UV-B radiation in the cyanobacterium <i>Plectonema boryanum</i> : The role of growth temperature and growth irradiance." Photochemistry and Photobiology, 2000, Vol 72, No. 6, pp 772-779.	
J		BLACK, Homer S. "Antioxidants and carotenoids as potential photoprotectants." Cosmet. Sci. Technol. Ser., 1990, Vol 10, pp 267-278.	
SD		Miskiewicz, E.I. et al. "Does myxoxanthophyll have a photoprotective function in the cells of the cyanobacterium <i>Plectonema boryanum</i> UTEX 4857?" The 1999 Annual Meeting of the American Society of Plant Physiologists, Abstract and Poster Presentation, Baltimore, July 24-28, 1999.	
		PCT Search, Report dated January 18, 2000 for PCT/CA99/00981.	

RECEIVED

OCT 20 2003

TECH CENTER 1600/2000

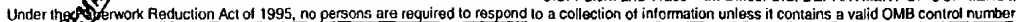
Examiner  
SignatureDate  
Considered

6/04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**Complete if Known**

<b>Application Number</b>	09/830,193
<b>Filing Date</b>	January 16, 2002
<b>First Named Inventor</b>	HUNER, et al.
<b>Group Art Unit</b>	1616
<b>Examiner Name</b>	Dodson, Shelley A.
<b>Attorney Docket Number</b>	P05147US0

(Use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

RECEIVED  
APR 06 2004  
TECH CENTER 1606/2900

3/04

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**